LAND APPLICATION SITE

A J MOSES SITE

LUAJM 1-13

LUNENBURG COUNTY

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 11-24-2020 between ~~A. J.~~ James A Moses referred to here as "Landowner", and Recyc Systems, Inc, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:
The Landowner is the owner of record of the real property located in LUNENBURG, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with county documentation identifying owners, attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
33-(A)-86	33-(A)-86A		
34-(a)-39	33-A-85A		

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one: ☐ The Landowner is the sole owner of the properties identified herein.
☑ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

Class B biosolids	Water treatment residuals	Food processing waste	Other industrial sludges
☒ Yes ☐ No	☒ Yes ☐ No	☒Yes ☐ No	☒ Yes ☐ No

Printed name	Mailing Address	Landowner Signature
James A Moses	12810 ORAL OAKS RD.	
By: self	Victoria VA. 23974	
Title* owner	Phone No. 434-321-2624	
*☐ I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc.		
*☐ I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.		

Permittee:
Recyc Systems, Inc, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

Printed name	Mailing Address	Permittee- Authorized Representative Signature
Susan Trumbo	PO Box 562, Remington Virginia 22734	
Title Technical Manager	Phone No. 540-547-3300	

Permittee: Recyc Systems, Inc **County or City:** Lunenburg

Landowner: A. J. Moses James A Moses

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.

2. Public Access
   a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
   b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
   c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

3. Crop Restrictions:
   a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
   b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
   c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
   d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
   e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

4. Livestock Access Restrictions:
   Following biosolids application to pasture or hayland sites:
   a. Meat producing livestock shall not be grazed for 30 days,
   b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
   c. Other animals shall be restricted from grazing for 30 days;

5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;

6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

A. J. Moses 11-24-2020

Landowner's Signature Date

(434-321-2624

G. J. Moses 12810 Old Stage Rd. Victoria Va. 11-24-2020

Operator's Signature mailing address & phone 23974 Date

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 11-24-2020 between A. J. Moses referred to here as "Landowner", and Recyc Systems, Inc, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:
The Landowner is the owner of record of the real property located in LUNENBURG, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with county documentation identifying owners, attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
33-(A)-86			
34-(2)-39			
33-(A)-86A			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one: ☐ The Landowner is the sole owner of the properties identified herein.
☑ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
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Class B biosolids	Water treatment residuals	Food processing waste	Other industrial sludges
☒ Yes ☐ No	☒ Yes ☐ No	☒Yes ☐ No	☒ Yes ☐ No

Printed name	Mailing Address	Landowner Signature
Albert James Moses II	12810 OAKLOAKS RD.	
By: self	Victoria VA. 23974	
Title* Owner	Phone No. 434-321-2624	

*☐ I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc.

*☐ I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.

Permittee:
Recyc Systems, Inc, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

Printed name	Mailing Address	Permittee- Authorized Representative Signature
Susan Trumbo	PO Box 562, Remington Virginia 22734	
Title Technical Manager	Phone No. 540-547-3300	

Permittee: Recyc Systems, Inc County or City: LUNENBURG

Landowner: A. J. MOSES

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

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5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;

6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

A. J. Moses 11-24-2020

Landowner's Signature Date

(434-321-2604)

A. J. Moses 12810 Deal Oaks Rd. Victoria VA. 11-24-2020

Operator's Signature mailing address & phone 23974 Date

FARM DATA SHEET

SITE NAME:	A J Moses	COUNTY:	Lunenburg
OWNER:	A J Moses	OPERATOR:	A J Moses Av
OWNER'S ADDRESS:	12810 Oral Oaks Road Victoria, VA 23974	OPERATOR'S ADDRESS:	12810 Oral Oaks Road Victoria, VA 23974
OWNER'S TELEPHONE:	434-696-2989	OPERATOR'S TELEPHONE:	434-696-2989
GENERAL FARM TYPE:	Hay/Pasture	CELL PHONE:	434-321-2624
# CATTLE:	80	EMAIL:	
LAGOON or SLURRY:	None	LATITUDE:	36° 57' 46"
TOPO QUAD:	Kenbridge West	LONGITUDE:	78° 12' 35"
COMMENTS:			
A J Moses and A J Moses II are same person			

Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement-Biosolids and Industrial Residuals from original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee: Recyc Systems, Inc. Site Name: A J MOSES

County or City: Lunenburg

Please Print Signature not required on this page

Tax Parcel ID(s)	Landowners (s)
TM33(A),P85,86,87,88A	A. J. Moses
TM34(2),P39	A. J. Moses II

RECYC SYSTEMS, INC
FIELD DATA SHEET

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #
		Water Table	Bed Rock/Shallow	Surf/Leach	Freq Flood			
LUAJM 1	12.6	-	-	-	-	CU03	TM33(A),P88A	T2207 Fields 1,2,10
LUAJM 2	12.1	10B(Jan-Apr) 10C2(Jan-Apr)	-	-	-	CM10	TM33(A),P86	T354 Fields 1,2,3
LUAJM 3	15.6	10C2(Jan-Apr)	-	-	-	CM10	TM33(A),P86 TM34(2),P39	T2155/2207 Fields 1,2,14
LUAJM 4	13.0	-	-	-	-	CM10	TM33(A),P86	T354 Field 2
LUAJM 5	7.4	-	-	-	-	CM10	TM33(A),P86	T354 Field 11
LUAJM 6	5.2	-	-	-	-	CM10	TM33(A),P86	T354 Fields 5,6,15
LUAJM 7	20.8	-	-	-	-	CM10	TM33(A),P86	T354/466 Fields 4,5,6,12,2,3
LUAJM 8	7.5	13C2(Dec-May)	-	-	-	CM10	TM33(A),P86 TM34(2),P39	T466 Fields 2,14
LUAJM 9	3.9	-	21D2	-	-	CM10	TM33(A),P86	T466 Field 13
LUAJM 10	7.9	13C2(Dec-May)	-	-	-	CM10	TM34(2),P39	T466 Fields 1,14
LUAJM 11	26.4	-	-	-	-	CM07	TM33(A),P85	T1145 Fields 0,1
LUAJM 12	18.1	10C2(Jan-Apr)	-	-	-	CM07	TM33(A),P85	T1145 Field 2
LUAJM 13	12.2	-	-	-	-	CM07	TM33(A),P85	T1145 Fields 3,4,7
TOTAL ACRES IN SITE	162.7							

Report Number: 13-058-0503
Account Number: 70594

www.aleastern.com

A&L Eastern Laboratories

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Send To: RECYC SYSTEMS INC
SUSAN TRUMBO
8455 WHITESHOP RD
CULPEPER VA 22701

Grower:
MOSES/LUAJM
LUNENBURG

Submitted By: J B CRENSHAW
Farm ID:

SOIL ANALYSIS REPORT

Analytical Method(s):
Mehlich 3

Date Received: 02/27/2013 **Date Of Analysis:** 02/28/2013 **Date Of Report:** 03/01/2013

Sample ID / Field ID	Lab Number	Organic Matter %	Organic Matter Rate	ENR lbs/A	Phosphorus Mehlich 3 ppm	Phosphorus Mehlich 3 Rate	Phosphorus Reserve ppm	Phosphorus Reserve Rate	Potassium K ppm	Potassium K Rate	Magnesium Mg ppm	Magnesium Mg Rate	Calcium Ca ppm	Calcium Ca Rate	Sodium Na ppm	Sodium Na Rate	pH Soil pH	pH Buffer Index	Acidity H meq/100g	C.E.C meq/100g
1	16888	3.8	M	118	81	H		H	42	VL	114	H	721	M			5.9	6.83	1.0	5.6
2	16889	2.7	M	97	76	H		H	85	M	98	H	555	M			5.6	6.81	1.2	5.0
3	16890	3.7	M	116	87	H		H	85	L	97	H	589	M			5.5	6.79	1.4	5.3
4	16891	3.8	M	117	117	V		VH	243	VH	122	H	598	L			5.5	6.77	1.6	6.2
5	16893	2.3	L	92	37	M		M	76	M	51	H	251	L			5.3	6.85	0.8	2.7

Sample ID / Field ID	Percent Base Saturation K %	Mg %	Ca %	Na %	H %	Nitrate NO_3N ppm	Nitrate Rate	Sulfur S ppm	Sulfur Rate	Zinc Zn ppm	Zinc Rate	Manganese Mn ppm	Manganese Rate	Iron Fe ppm	Iron Rate	Copper Cu ppm	Copper Rate	Boron B ppm	Boron Rate	Soluble Salts SS ms/cm	Soluble Salts Rate	Chloride Cl ppm	Chloride Rate	Aluminum Al ppm
1	1.9	17.0	64.4		17.2																			
2	4.4	16.3	55.5		23.2																			
3	4.1	15.3	55.6		26.0																			
4	10.0	16.4	48.2		25.9																			
5	7.2	15.7	46.5		31.2																			

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: A&L Eastern Laboratories, Inc.

by: Pauric McGroary

Pauric McGroary

Report Number: 13-058-0503
Account Number: 70594

www.aleastern.com

A&L Eastern Laboratories

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Send To: RECYC SYSTEMS INC
SUSAN TRUMBO
8455 WHITESHOP RD
CULPEPER VA 22701

Grower:
MOSES/LUAJM
LUNENBURG

Submitted By: J B CRENSHAW
Farm ID:

Date Received: 02/27/2013
Date Of Report: 03/01/2013

SOIL FERTILITY RECOMMENDATIONS

Sample ID Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P_2O_5 lb/A	Potash K_2O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
1	Adjust pH to 6.8	0	1.5				0						
2	Adjust pH to 6.8	0	1.8				0						
3	Adjust pH to 6.8	0	2.0				0						
4	Adjust pH to 6.8	0	2.0				0						
5	Adjust pH to 6.8	0	1.8				29						

Comments:

Sample(s) : 5 Crop: Adjust pH to 6.8

If dolomitic lime is not used, apply required magnesium with magnesium oxide. Epsom Salts, K-Mag or Sul-PO-Mag.

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

Pauric McGroary

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SOIL ANALYSIS REPORT

Analytical Method(s):
Mehlich 3

Date Received: 02/27/2013 **Date Of Analysis:** 02/28/2013 **Date Of Report:** 03/01/2013

Sample ID / Field ID	Lab Number	Organic Matter			Phosphorus				Potassium		Magnesium		Calcium		Sodium		pH		Acidity	C.E.C
		%	Rate	ENR lbs/A	Mehlich 3 ppm	Rat	Reserve ppm	Rate	K ppm	Rate	Mg ppm	Rate	Ca ppm	Rate	Na ppm	Rate	Soil pH	Buffer Index	H meq/100g	meq/100g
6	16894	2.3	L	90	92	H			66	M	83	H	503	M			5.8	6.85	0.8	4.2
7	16895	2.7	M	98	90	H			101	H	67	M	327	L			5.1	6.78	1.5	3.9
8	16896	3.9	M	120	70	H			332	VH	114	H	493	L			5.5	6.78	1.5	5.7
9	16897	2.9	M	103	51	H			110	H	47	M	370	L			5.3	6.82	1.1	3.7
10	16898	3.3	M	106	61	H			57	L	131	H	760	M			5.5	6.76	1.7	6.8

Sample ID / Field ID	Percent Base Saturation					Nitrate		Sulfur		Zinc		Manganese		Iron		Copper		Boron		Soluble Salts		Chloride		Aluminum
	K %	Mg %	Ca %	Na %	H %	NO_3N ppm	Rate	S ppm	Rate	Zn ppm	Rate	Mn ppm	Rate	Fe ppm	Rate	Cu ppm	Rate	B ppm	Rate	SS ms/cm	Rate	Cl ppm	Rate	Al ppm
6	4.0	16.5	59.9		18.9																			
7	6.6	14.3	41.9		37.9																			
8	14.9	16.7	43.2		26.0																			
9	7.6	10.6	50.0		30.7																			
10	2.1	16.1	55.9		25.7																			

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

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This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: A&L Eastern Laboratories, Inc.

by: Pauric McGroary

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Report Number: 13-058-0503
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Grower:
MOSES/LUAJM
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Submitted By: J B CRENSHAW
Farm ID:

Date Received: 02/27/2013
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6	Adjust pH to 6.8	0	1.5				0						
7	Adjust pH to 6.8	0	2.0				13						
8	Adjust pH to 6.8	0	2.0				0						
9	Adjust pH to 6.8	0	1.8				33						
10	Adjust pH to 6.8	0	2.0				0						

Comments:

Sample(s) : 7,9 Crop: Adjust pH to 6.8

Apply dolomitic lime to raise pH and improve the magnesium level.

If dolomitic lime is not used, apply required magnesium with magnesium oxide. Epsom Salts, K-Mag or Sul-PO-Mag.

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

Pauric McGroary

Report Number: 13-058-0503
Account Number: 70594

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7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6448

Send To: RECYC SYSTEMS INC
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CULPEPER VA 22701

Grower:
MOSES/LUAJM
LUNENBURG

Submitted By: J B CRENSHAW
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SOIL ANALYSIS REPORT

Analytical Method(s):
Mehlich 3

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Sample ID / Field ID	Lab Number	Organic Matter			Phosphorus		Potassium		Magnesium		Calcium		Sodium		pH		Acidity	C.E.C
		%	Rate	ENR lbs/A	Mehlich 3 ppm Rat	Reserve ppm Rate	K ppm	Rate	Mg ppm	Rate	Ca ppm	Rate	Na ppm	Rate	Soil pH	Buffer Index	H meq/100g	meq/100g
11	16899	2.8	M	99	125 VH		39	VL	100	H	646	M			5.9	6.84	0.9	5.0
12	16900	2.3	L	91	23 L		40	VL	61	M	393	M			5.5	6.84	0.9	3.5
13	16901	2.4	L	94	48 M		52	L	55	H	287	M			5.5	6.86	0.7	2.7

Sample ID / Field ID	Percent Base Saturation					Nitrate	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Soluble Salts	Chloride	Aluminum
	K %	Mg %	Ca %	Na %	H %	NO_3N ppm Rate	S ppm Rate	Zn ppm Rate	Mn ppm Rate	Fe ppm Rate	Cu ppm Rate	B ppm Rate	SS ms/cm Rate	Cl ppm Rate	Al ppm
11	2.0	16.7	64.6		17.2										
12	2.9	14.5	56.1		25.5										
13	4.9	17.0	53.1		26.0										

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: A&L Eastern Laboratories, Inc.

by: Pauric McGroary

Pauric McGroary

Report Number: 13-058-0503
Account Number: 70594

www.aleastern.com

A&L Eastern Laboratories

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Send To: RECYC SYSTEMS INC
SUSAN TRUMBO
8455 WHITESHOP RD
CULPEPER VA 22701

Grower:
MOSES/LUAJM
LUNENBURG

Submitted By: J B CRENSHAW
Farm ID:

Date Received: 02/27/2013
Date Of Report: 03/01/2013

SOIL FERTILITY RECOMMENDATIONS

Sample ID Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P_2O_5 lb/A	Potash K_2O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
11	Adjust pH to 6.8	0	1.5				0						
12	Adjust pH to 6.8	0	1.8				19						
13	Adjust pH to 6.8	0	1.8				25						

Comments:

Sample(s) : 12 Crop: Adjust pH to 6.8

Apply dolomitic lime to raise pH and improve the magnesium level.

Sample(s) : 12,13 Crop: Adjust pH to 6.8

If dolomitic lime is not used, apply required magnesium with magnesium oxide. Epsom Salts, K-Mag or Sul-PO-Mag.

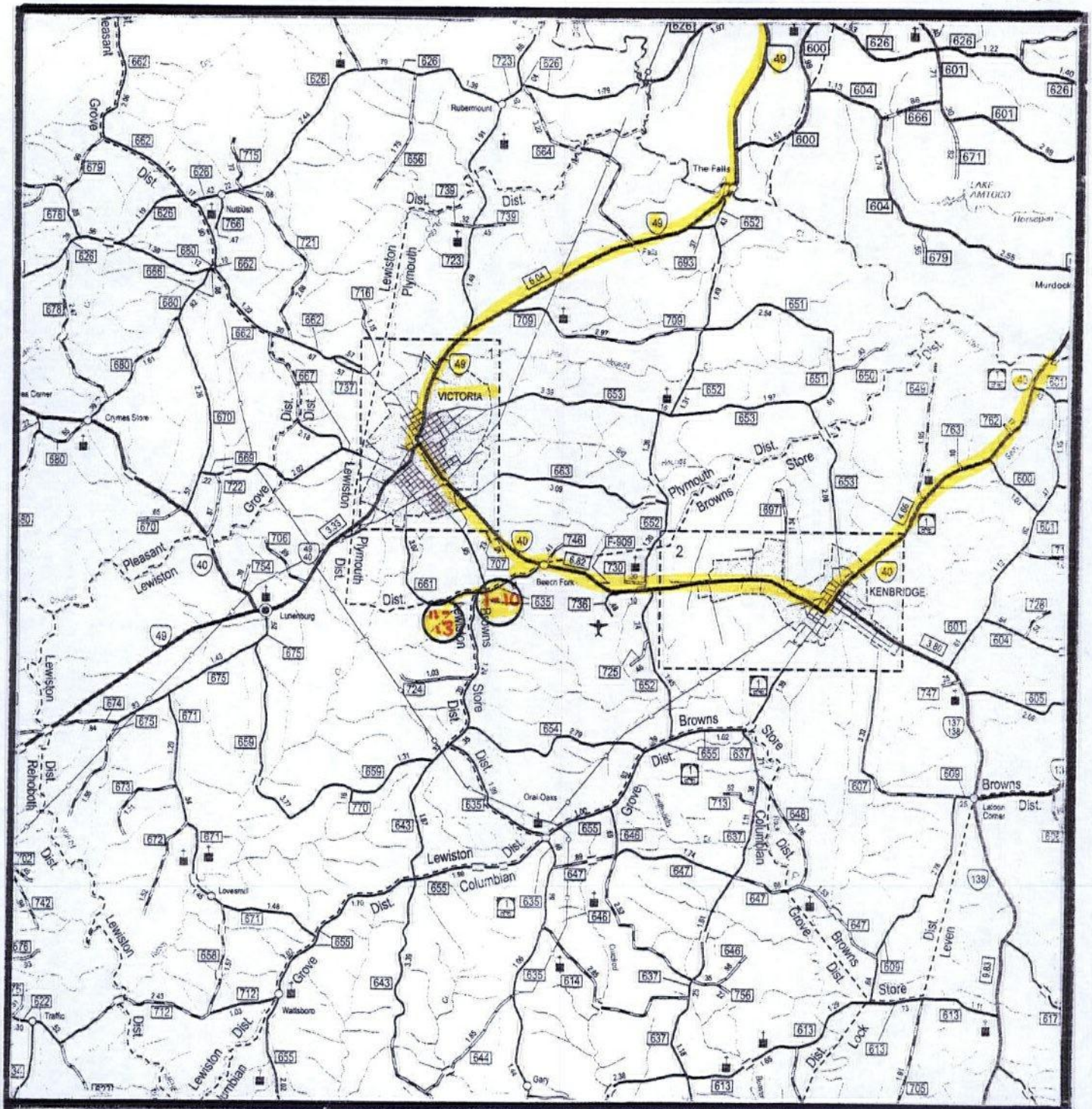
"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

Pauric McGroary

MAPS

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1 inch = 2 miles

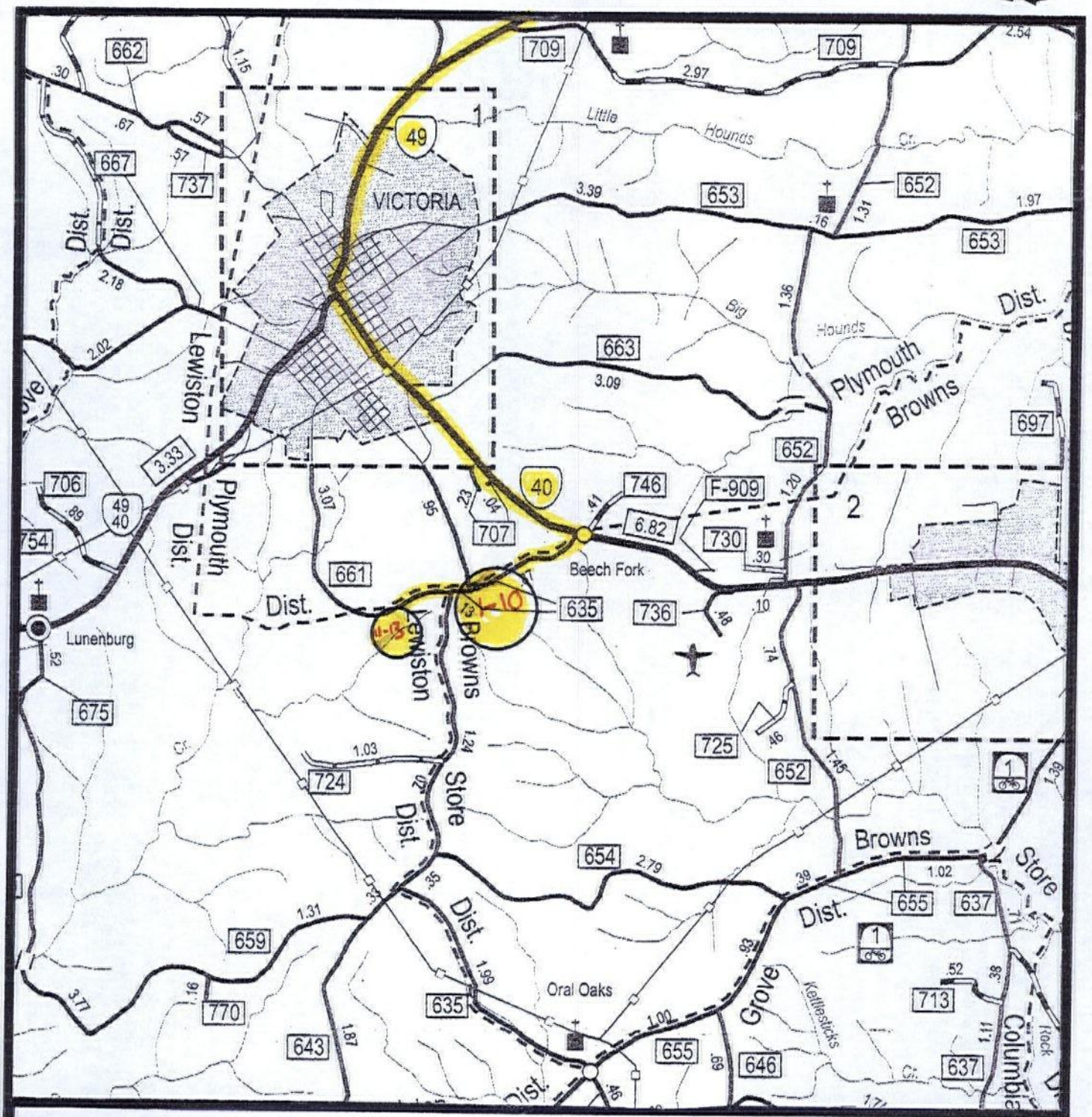
LUAJM 1-13

VICINITY MAP

N

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1 inch = 1 mile

LUAJM 1-13

VICINITY MAP

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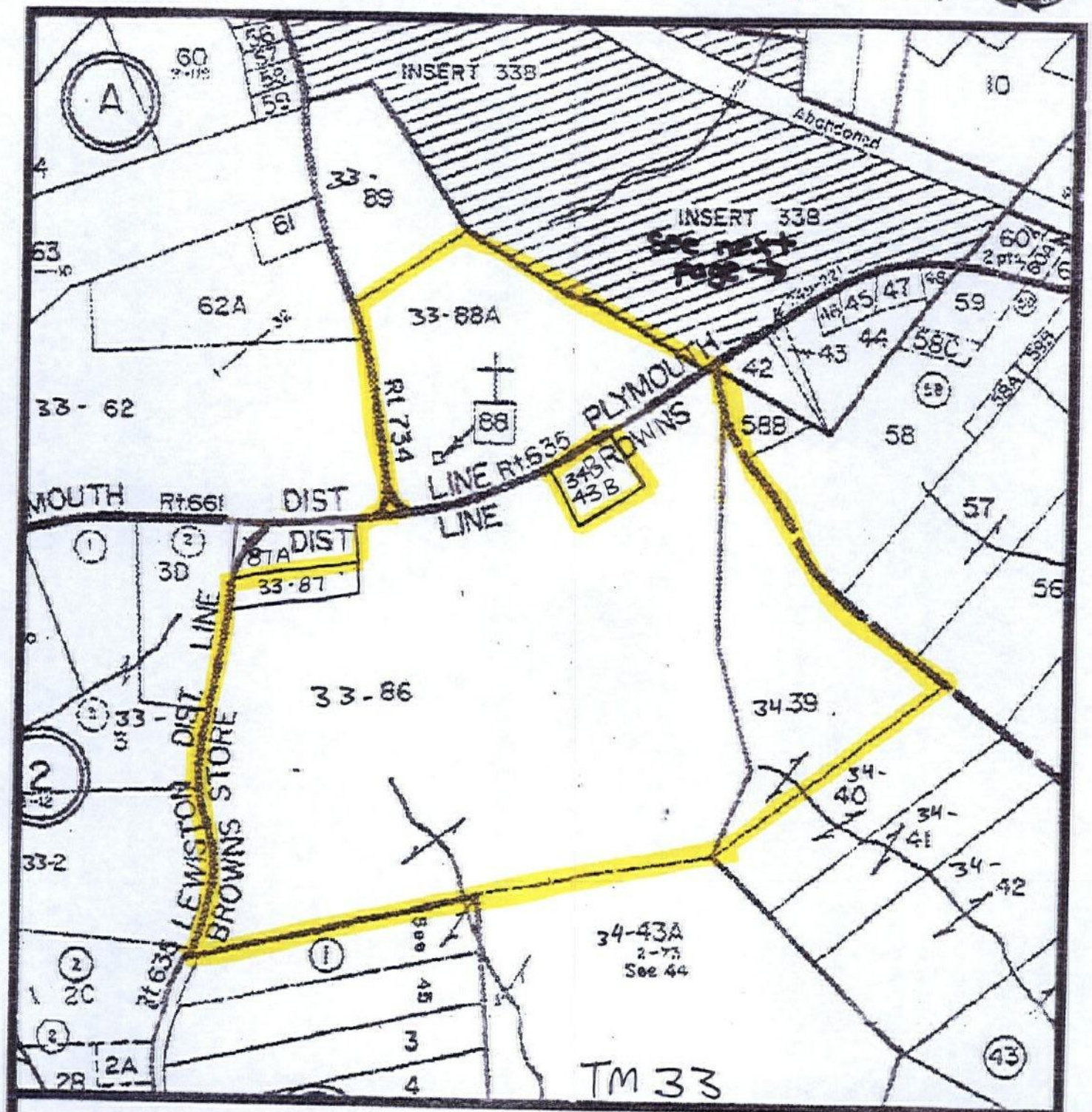
Recyc Systems™ Inc.

(Biosolids Land Application)



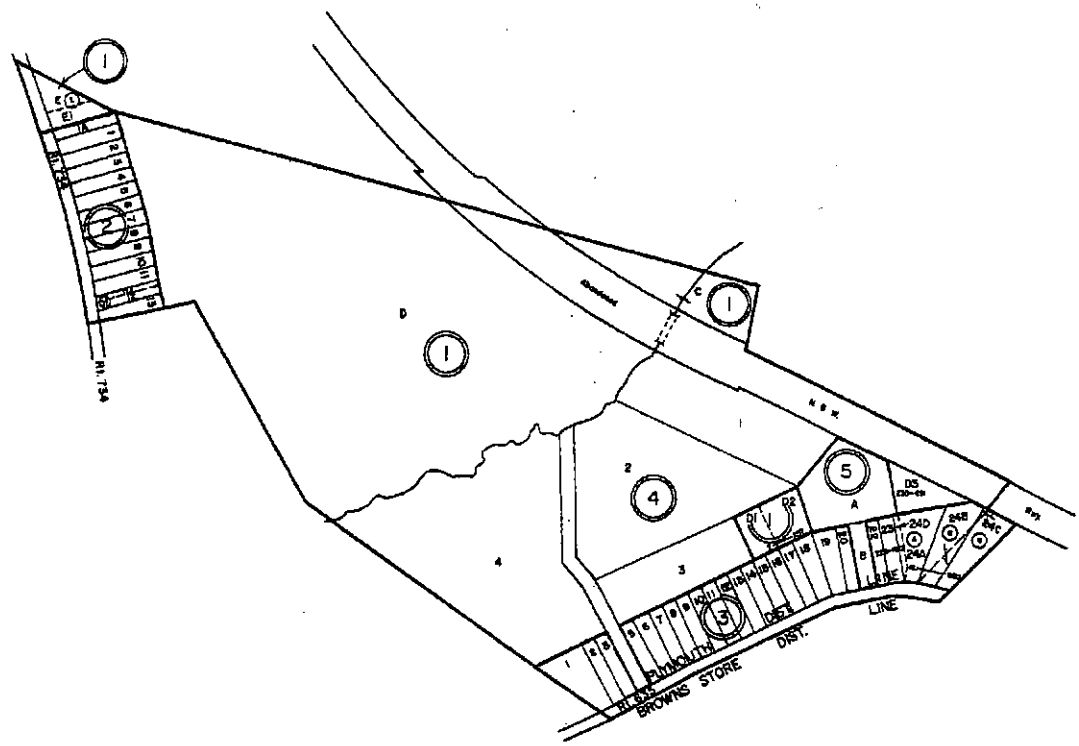
Scale: 1 inch = 660 feet LUAJM 1-10

TAX MAP

N

Recyc Systems™ Inc.

(Biosolids Land Application)



Insert 33B

1. MRS. NANNIE KATE ROBERTSON — P.B. 7, Pg. 37B
2. MRS. NANNIE KATE ROBERTSON — P.B. 7, Pg. 35A
3. MRS. NANNIE KATE ROBERTSON — P.B. 7, Pg. 39A
4. 635 SUBDIVISION — P.C. 2-335
5. WILLIAM A. HAWTHORNE — 2-272

PLYMOUTH DISTRICT

SECTION
INSERT 33B

ISED: 12/31/86.98

Scale: 1 inch = 660 feet

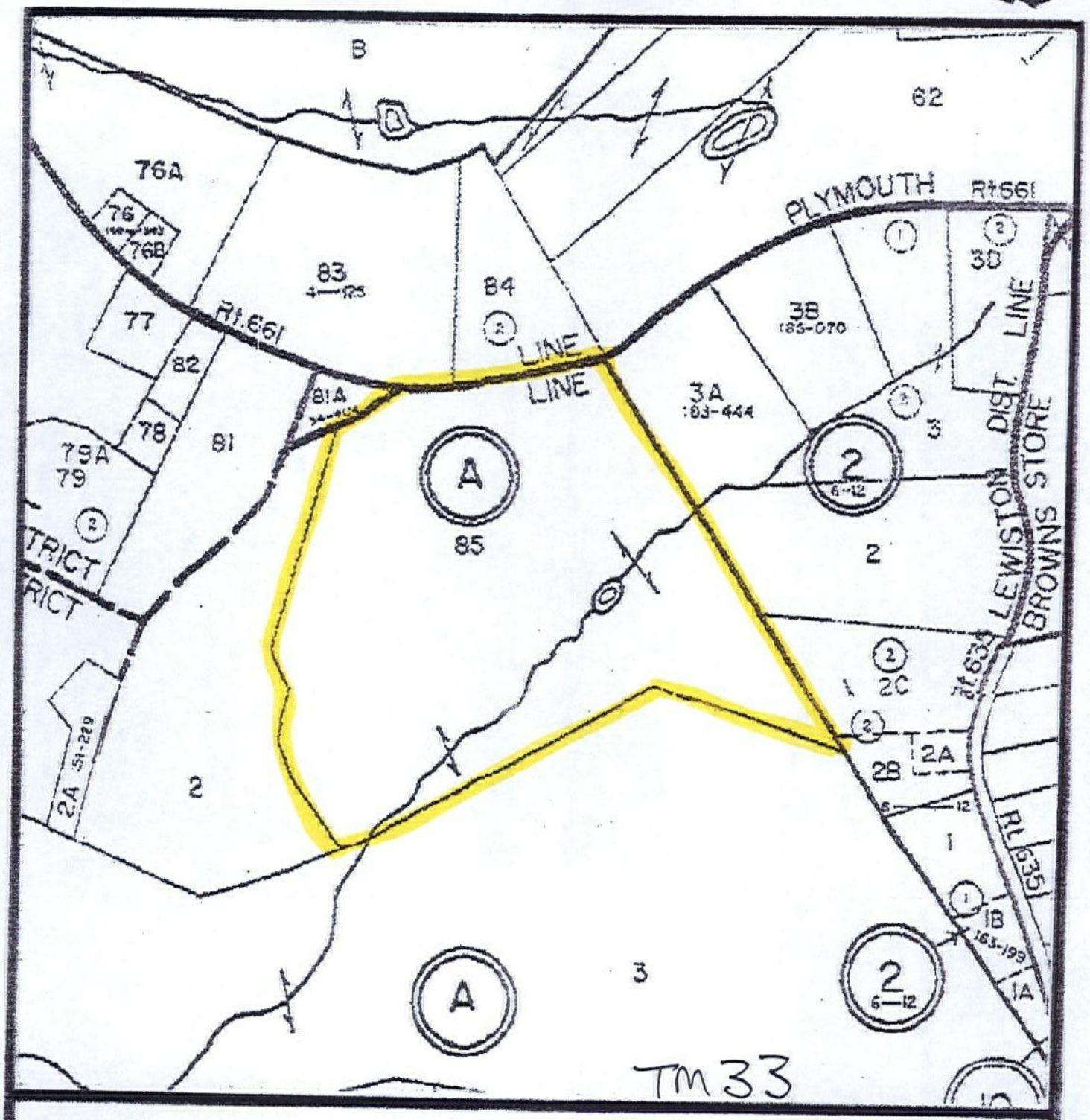
LUAJM 1-10

TAX MAP

N

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1 inch = 660 feet

LUAJM 11-13

TAX MAP

N

ADJOINING LANDOWNERS

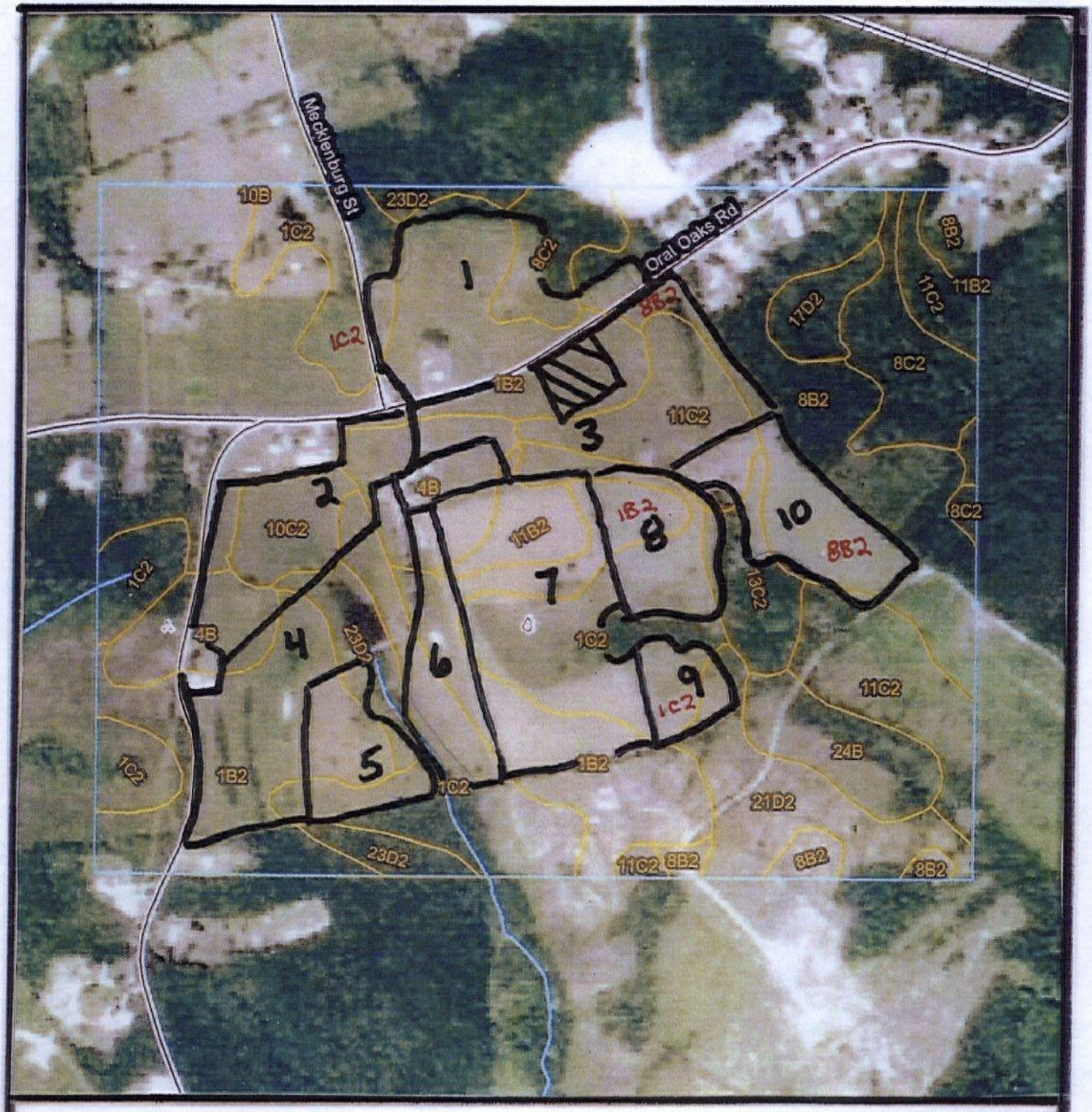
A. J. MOSES

LUNENBURG COUNTY

Tax Map	Parcel #	Owner Name(s)
33(A)	62	Eugene Hart
	62A	Eugene Hart
	81A	Eli Muse
	83	Cornelius Arvin
	84	Cornelius Arvin
	87	Stephanie Anderson
	87A	J. McGinnis, Sueellen, Renee & AJ Moses
	89	Barbara Reese
33(2)	2	Norma Kain Williams
	2C	Carroll Gee
	3	Norma Kain Williams
33(6)	3	Douglass McMillian
	4	Linda Clark, et als
34(2)	40	Eastern Woodland Corp.
	43A	Eastern Woodland Corp.
	56	Robert Smith
	57	Robert Smith
	58	Wayne Wilmoth
	58B	Clifford Wilkerson
33B(1)	D	William Hawthorne
33B(4)	4	Angel Reese
45(A)	2	Eli Muse
	3	Illinois Municipal Retirement Fund
34(A)	43B	Jason Daniel or Rebecca M. Moses

Recyc Systems™ Inc.

(Biosolids Land Application)



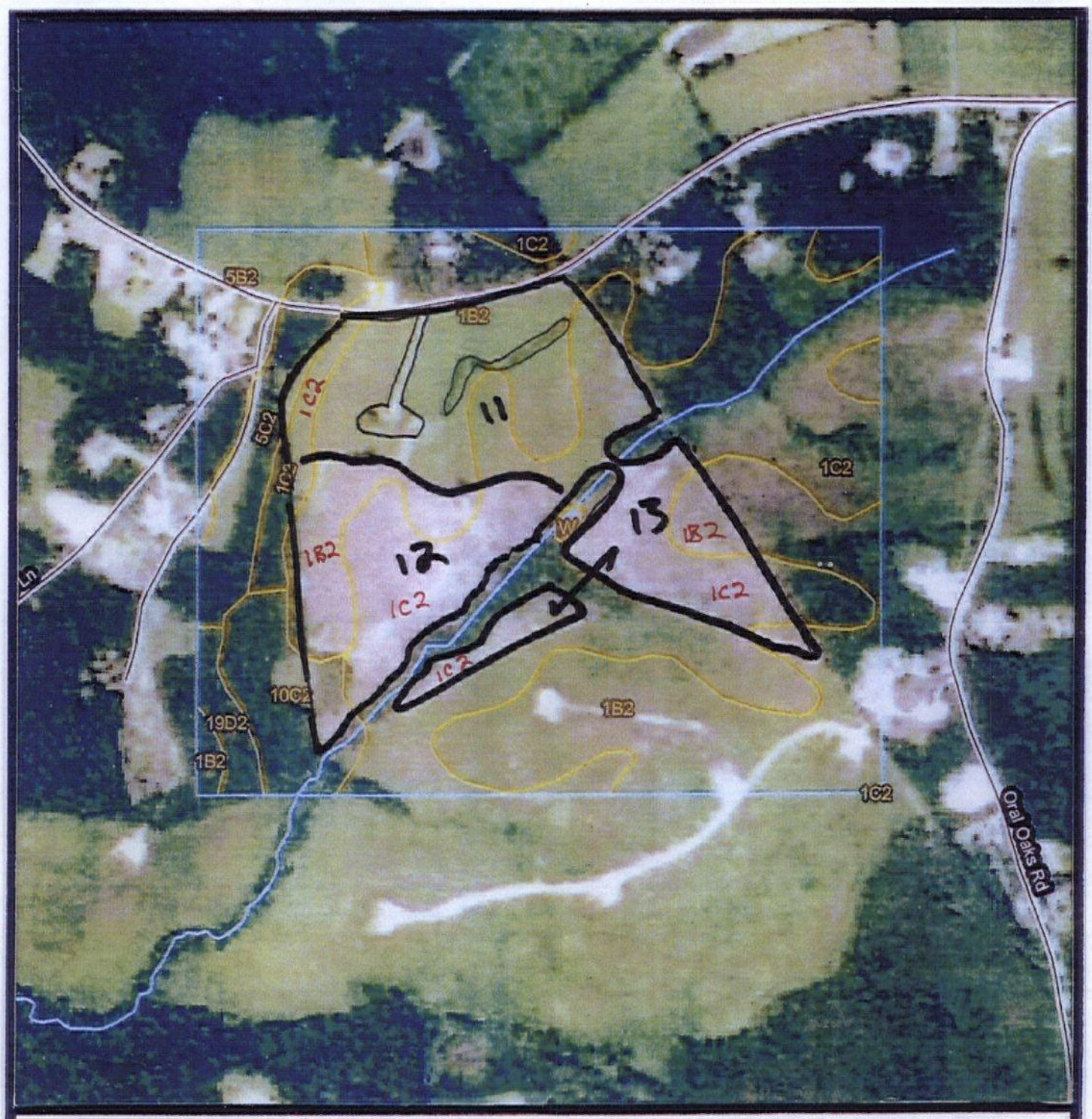
Scale: 1 inch = 660 feet LUAJM 1-10

SOIL MAP

N

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1 inch = 660 feet

LUAJM 11-13

SOIL MAP

N

Recyc Systems™ Inc.

(Biosolids Land Application)

Scale: 1 inch = 660 feet

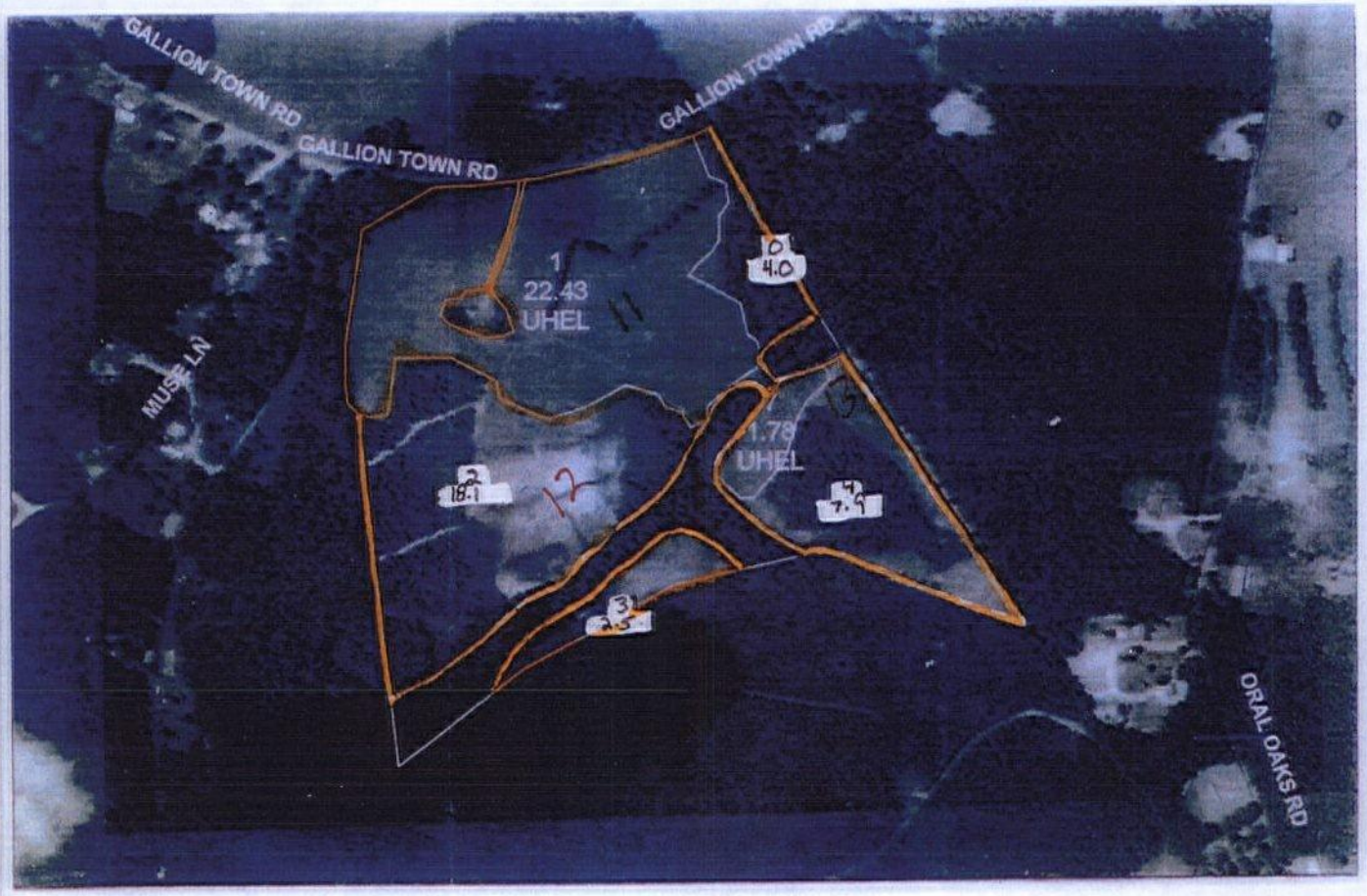
LUAJM 1-10

AERIAL MAP

N

Recyc Systems™ Inc.

(Biosolids Land Application)



T 1145

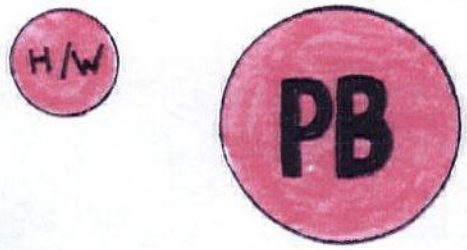
Scale: 1 inch = 660 feet

LUAJM 11-13

AERIAL MAP

N

Legend for Site Plan



House and Well/Public Building

Well/Spring

Perennial Streams & Surface

Wet Spot

Intermittent Stream/Drainage

Trees and Woods

Private Drive

Rock/Rocky Area

Sinkhole

Severely Eroded Spot

State Road

Field Boundary

Fence

Property Line

Slope

Frequent Flooding

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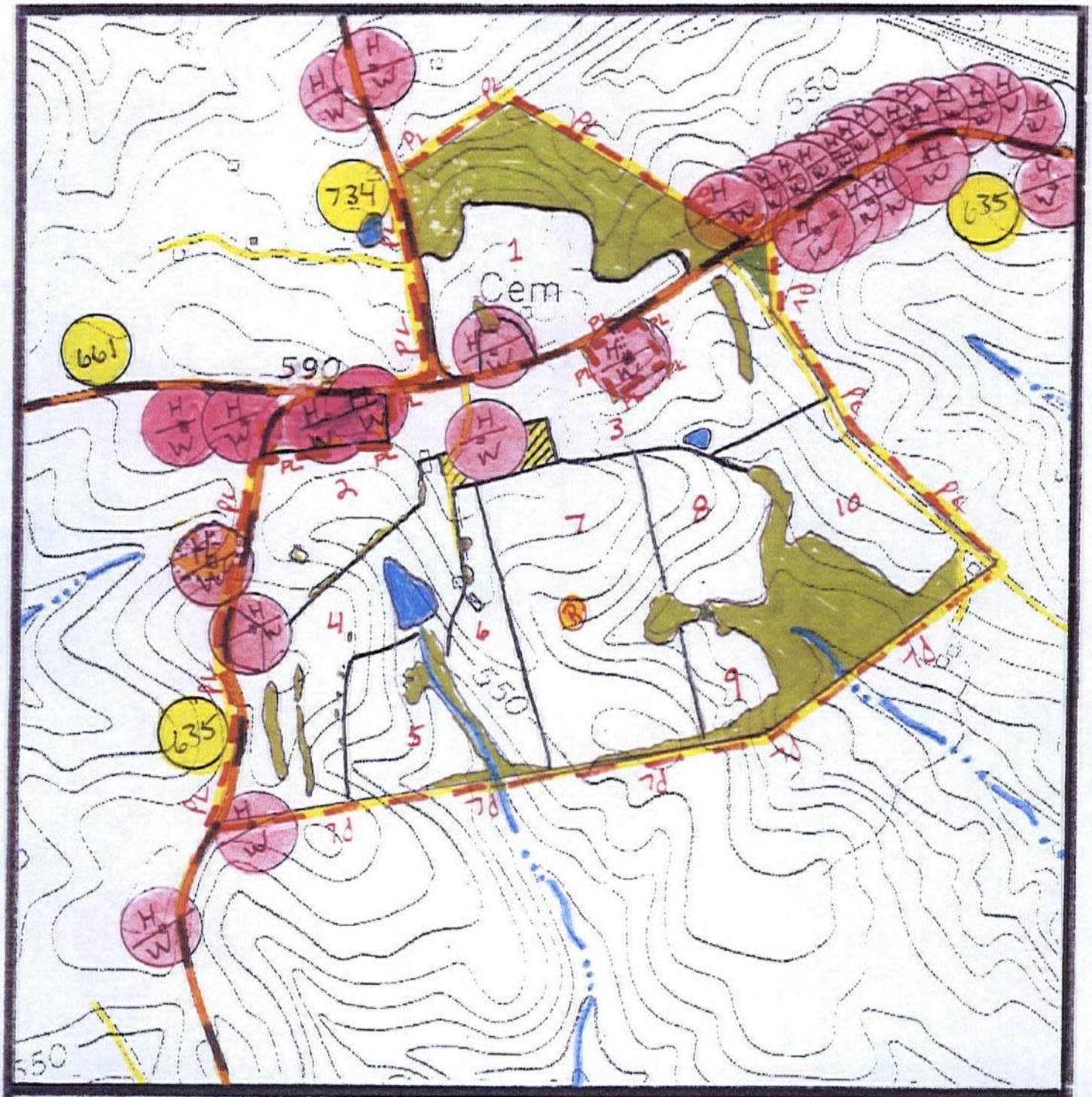
(Biosolids Land Application)



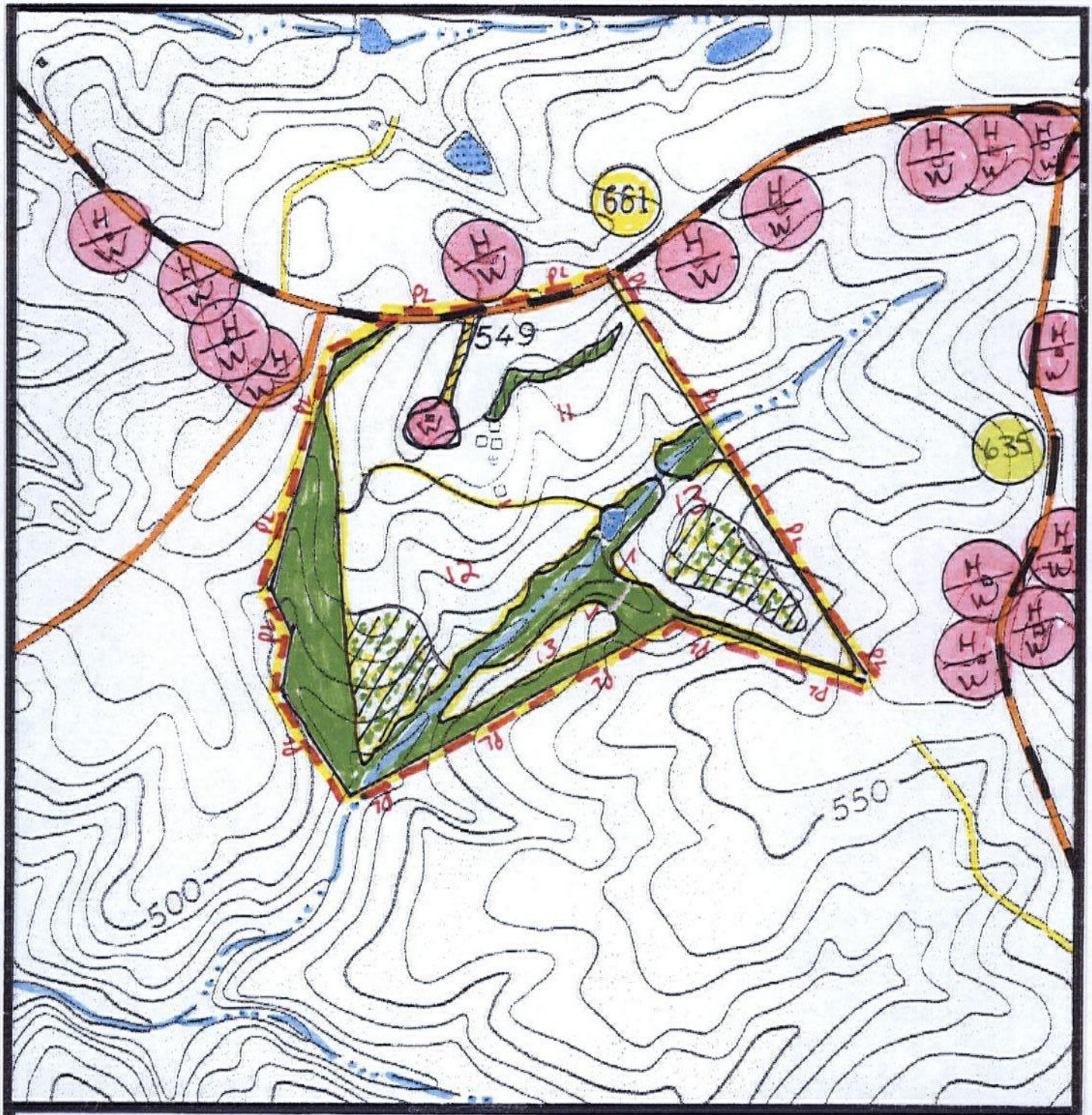
Scale: 1 inch = 660 feet LUAJM 1-10

SITE PLAN

N

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1 inch = 660 feet

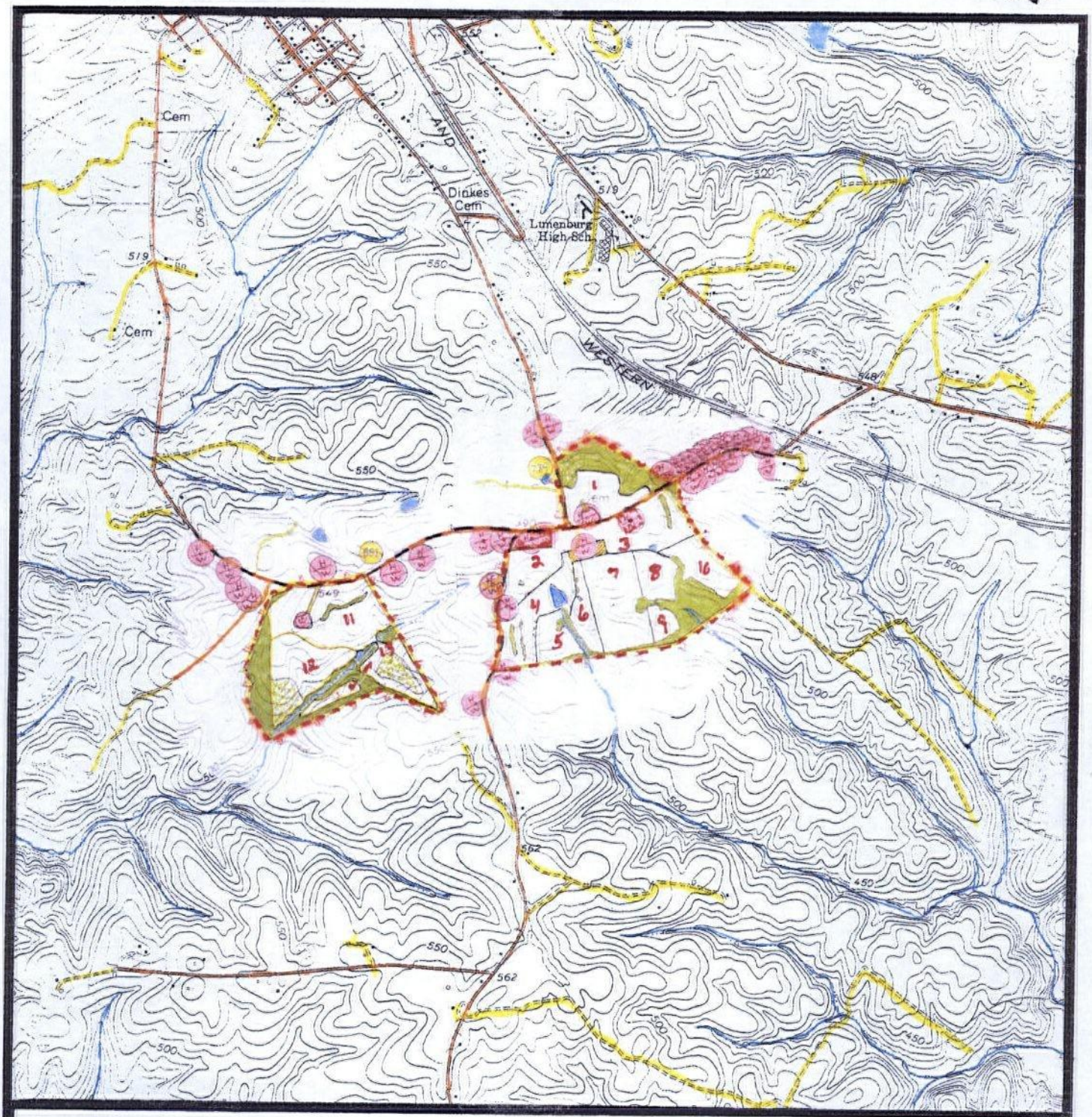
LUAJM 11-13

SITE PLAN

N

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1 inch = 2,000 feet LUAJM 1-13

TOPOGRAPHIC MAP

N